

An underwater photograph of a dense seaweed forest. The seaweed blades are long, narrow, and have a wavy, textured appearance. They are illuminated from above, creating a bright yellow-green glow against the deep blue water. The perspective is looking down through the canopy of seaweed.

OFFSHORE SEAWEED AQUACULTURE WORKSHOP

Thursday 30th November – Friday 1st December, 2023

University of Tasmania

Sandy Bay campus, Hobart

**BLUE
ECONOMY**
COOPERATIVE RESEARCH CENTRE



Australian Government
Department of Industry,
Science and Resources

AusIndustry
Cooperative Research
Centres Program

OUR PURPOSE

- » Establish a common understanding of the Blue Economy CRCs seaweed program of work.
- » Taking stock of the breadth of direct and indirect research to date.
- » Looking at what has been completed, what is underway, what is emerging and forecast.
- » Develop a narrative of the Blue Economy CRC's seaweed research.
- » Creating a community of practice around seaweed.
- » Understanding research and commercial learnings. What can we bring to our own research?
- » Building an integrated communications plan and process around seaweed learnings and facts for impact.
- » Define what our seaweed knowledge platform needs to look like in 2025.
- » Develop a living seaweeds roadmap to support future investment and support.



PROGRAM

DAY 1: Thursday 30th November

9:00am	INTRODUCTION/ACKNOWLEDGEMENT OF COUNTRY
»	Introduction
»	Why we are here and why seaweed matters
9:30am	SEAWEED: OUR RESEARCH FOOTPRINT
»	Cayne Layton and Wouter Visch Seaweed Scoping Study – what did we find?
»	Gonzalo Tampier Hydrodynamics of artificial kelp fields
»	Ryan Lowe Hydrodynamic interactions with seaweed in offshore aquaculture applications
10:30am	MORNING TEA
10:45am	SEAWEED: OUR RESEARCH FOOTPRINT CONTINUED...
»	Craig Johnson Developing production systems for offshore kelp mariculture – update, learnings, and future directions
»	Jeff Wright Opportunities for bull kelp aquaculture
»	Brian von Herzen Marine permaculture deep cycling update, trials with deep cycling of seaweed platforms in the Western Pacific
»	Jeorg Baumeister Innovative modular HDPE kit for seaweed production
»	Angela Williamson and Freya Croft Exploring opportunities for regenerative aquaculture on the NSW South Coast
12:30pm	LUNCH
1:15pm	SEAWEED: IS IT A LEVEL PLAYING FIELD ACROSS JURISDICTIONS?
	Hear from key government regulators, planners, industry developers on ambitions, policies, challenges
2:00pm	INDUSTRY PERSPECTIVES
	Hear from our industry and other partners about their perspectives
2:45pm	AFTERNOON TEA
3:00pm	WORKSHOP SESSION 1: WHAT HAVE WE LEARNED SO FAR?
»	Breakout sessions and report back <ul style="list-style-type: none">◇ Key findings from research lens◇ Key learnings from commercial lens◇ Key learnings from government lens
»	Facilitated discussion Who have we been telling and how? Is this being picked up? Are we moving the dial? Why/why not?
3:45pm	WORKSHOP SESSION 2: WHAT IS OUR ROLE IN THE SEAWEED FARMING AND RESEARCH 'ECOSYSTEM'?
»	Case study: seaweed project presentation <ul style="list-style-type: none">◇ Break out groups
»	Facilitated discussion on what we heard
»	Break out groups explore challenges & opportunities against the seaweed 'attributes' <ul style="list-style-type: none">◇ Report back
4:30pm	WRAP-UP
5:00pm	NETWORKING EVENT
6:30pm	Grape Food & Wine Bar, 55 Salamanca Place

PROGRAM

DAY 2: Friday 1st December

9:00am ACKNOWLEDGEMENT OF COUNTRY/DAY 2 SCENE SETTING

- » Purpose
- » How we will use this time effectively
- » What are our competitive strengths?

9:15am SESSION 1: DEVELOPING OUR SEAWEED KNOWLEDGE PLATFORM FOR 2025

- » **Groups of 5 work together on what our 2025 knowledge platform needs to look like and report back**
 - ◇ Facilitated discussion
- » **Groups of 5 work together on opportunities and outputs for the research programs working back from 2025**
 - ◇ Facilitated discussion

10:30am MORNING TEA

10:45am SESSION 2: DEVELOPING A BE CRC SEAWEED ROADMAP

- » **Groups for each roadmap 'attribute' rotating around the room and report back**
- » **Helicopter view & discussion**
- » **Groups to work on ways of working to achieve and deliver the legacy and keep the roadmap 'alive' and report back**
 - ◇ Communities of practice
 - ◇ Learnings
 - ◇ Knowledge
 - ◇ Alignment
 - ◇ Outreach
 - ◇ Capacity building
 - ◇ Communications

12:30pm WRAP-UP

